

WHAT IS CLAIMED IS:

1. A spring member for disc-brake calipers, suitable for being mounted in a disc-brake caliper, the
5 caliper being suitable for being arranged, in a fitted configuration, astride a brake disc rotatable about an axis defining an axial direction, said caliper comprising a space for housing at least one pad which extends predominantly in a tangential direction
10 parallel to a braking band of the brake disc and perpendicular to the axial direction, the spring member being interposed between a lateral edge of a pad and reaction surfaces of the caliper so as to act resiliently on the pad, the spring member comprising a
15 'U'-shaped portion suitable for forming a connection with a protuberance of the reaction surfaces which projects in the tangential direction into the housing space, a first resilient portion which extends substantially in a radial direction perpendicular to the
20 axial and tangential directions, is suitable for acting on the pad in a tangential direction, and is operatively connected to the 'U'-shaped portion, and a second resilient portion which extends substantially in the tangential direction, is operatively connected to the
25 first resilient portion, and is suitable for acting on

the pad in a radial direction, wherein the first resilient portion is inclined in a manner such that a first connection end of the first resilient portion, connected to the 'U'-shaped portion, is in contact with the reaction shoulders and a second connection end, connected to the second resilient portion, is arranged, in the tangential direction, further towards the interior of the housing space than the first connection end, the first and second resilient portions being a single body projecting from the first connection end of the first resilient portion so that, when the spring member and the respective pad are in a fitted configuration in the housing space of the caliper, the pad is acted on resiliently by the spring member both in a radial direction and in a tangential direction, whether or not a braking force is being applied.

2. A spring member according to Claim 1 in which the first resilient portion is substantially straight.

3. A spring member according to Claim 1 in which the spring member comprises two limbs and a connecting arm between the limbs so that, when the spring member is in a fitted configuration on the caliper, each limb can act resiliently on a respective pad, the pads being arranged opposite one another in the axial direction.

4. A spring member according to Claim 1 in which

the spring member can be mounted astride the brake disc on reaction surfaces of the caliper and can cooperate resiliently with lateral edges of a pair of pads arranged on opposite sides of the brake disc.

5 5. A spring member according Claim 1 in which the 'U'-shaped portion has a substantially trapezoidal shape and can form a snap-coupling with the protuberance of the reaction surfaces.

10 6. A spring member according to Claim 3 in which each limb comprises, in the region of a portion attached to the connecting arm, a notch which can separate the connecting arm from the first section of the 'U'-shaped portion so as to permit resilient relative bending between the connecting arm and the first section of each
15 limb.

7. A spring member according to Claim 3 in which the connecting arm comprises two fingers disposed at axially opposite ends and suitable for being inserted in corresponding recesses of the caliper so as to permit
20 the location and/or clamping of the spring member in the axial direction.

8. A spring member according to Claim 3 in which the connecting arm comprises a thrust portion which can come into abutment with a surface of the respective arch
25 which faces towards the seat for the compatible brake

disc.

9. A spring member according to Claim 1 in which the spring member comprises lead-in tabs which are arranged substantially axially and are suitable for
5 constituting a lead-in for the axial insertion of the pads in the respective housing spaces.

10. A disc-brake caliper comprising reaction surfaces suitable for cooperating with a spring member according to Claim 1.

10 11. A disc-brake caliper comprising at least one spring member according to Claim 1.

12. A disc brake comprising at least one spring member according to Claim 1.